ABSTRACT OF THE DISCLOSURE

A sensing device for sensing an amount of force transferred between a first element and a second element includes a first attachment structure and a second attachment structure mounted to the first attachment structure to enable relative linear movement between the first and second attachment structures. The first attachment structure is connected to the first element and the second attachment structure is connected to the second element. An actuating member is provided on one of the first and second attachment structures. A biasing structure is positioned between the first and second attachment structures enabling a force to be transferred from the first element and the first attachment structure to the second element and the second attachment structure. A sensor includes a first switch and a second switch each being adapted to be actuated by the actuating member.